



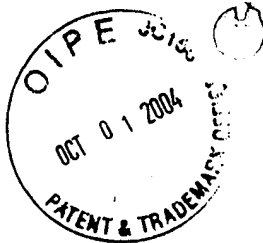
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When stamped by the mailroom of the U.S. Patent and Trademark Office, this postcard will be taken as an acknowledgement of receipt by the PTO on the date indicated below of: an Information Disclosure Statement (2 pgs.) (in duplicate), a PTO/SB/08A (2 pg.), and 6 references (AA.- AF) for filing as follows:

Applicant: Rajiv Laroia  
Attorney Docket No.: Flarion-1APP (30)  
Serial No.: 09/689,273  
Title: "METHODS AND APPARATUS FOR GENERATING AND TRANSMITTING FREQUENCY DIVISION MULTIPLEXED SIGNALS"

Date of Mailing: August 12, 2002 (MPS/dvl)





IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Attorney Docket No.: **Flarion-1APP (30)**

Applicant: **Rajiv LAROIA et al.**

Serial No.: **09/689,273**

Filing Date: **October 12, 2000**

Title: **METHODS AND APPARATUS FOR GENERATING AND TRANSMITTING  
FREQUENCY DIVISION MULTIPLEXED SIGNALS**

Examiner: **Not yet assigned**

Group Art Unit: **Not yet assigned**

Assistant Commissioner for Patents  
Washington, D.C. 20231

S I R:

**SUBMISSION OF INFORMATION DISCLOSURE STATEMENT  
WITH CERTIFICATION UNDER 37 CFR 1.97**

The applicants respectfully request that the references listed on the attached PTO/SB/08A be considered in the examination of the above-identified application. A copy of each of these references is enclosed.

The applicants preserve the right to establish that any of the references listed on the attached PTO/SB/08A are not prior art to the above-captioned application.

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Certification Under 37 CFR 1.97:

I hereby certify that each item of information contained in the information disclosure statement submitted herewith was first cited in a communication from the U.S. PCT Receiving Office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

No fee is believed due. However, in the event that a fee is due in order to have the information disclosure statement submitted herewith considered, the Patent Office is authorized to charge said fee to the deposit account of Straub & Pokotylo, deposit account number 50-1049.

Respectfully submitted,

August 12, 2002

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CERTIFICATE OF MAILING under 37 C.F.R. 1.8(a)

I hereby certify that this correspondence is being deposited on **August 12, 2002** with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Michael P. Straub  
Michael P. Straub

36,941  
Reg. No.

on Number: 00000089

Complete if Known

(use as many sheets as necessary)

Application Number: 00/089,273  
Filing Date: October 12, 2000  
First Named Inventor: Rajiv LAROIA et al.  
Group Art Unit: Not yet assigned  
Examiner Name: Not yet assigned

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Sheet	1	of	2
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Attorney Docket No.: **Flarion-1APP (30)**

## U.S. PATENT DOCUMENTS

[illegible]

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	AC	EP 0 982 906 A	January 3, 2000	Matsushita Electric Industrial Co., Inc		
	AD	WO 00/01084	January 6, 2000	Nokia Networks OY		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached kinds of U.S. Patent Documents. 3 Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16, if possible. 6 Applicant is to place a check mark here if English language translation is attached.

(modified PTO/SB/08A)

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		U.S. Department of Commerce Patent and Trademark Office		Application Number: 09/689,273		<b>RECEIVED</b> OCT 06 2004 Technology Center 2600
		Filing Date: October 12, 2000		First Named Inventor: Rajiv LAROIA et al.		
Sheet 2 of 2		Group Art Unit: Not yet assigned		Examiner Name: Not yet assigned		
		Attorney Docket No.: Flarion-1APP (30)				

**OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, country, where published, source	T <sup>2</sup>
	AE	R. PERVEZ and M. NAKAGAWA, "Parallel Coded Optical Multicarrier Frequency Division Multiplexing - A Potential Step Towards High Speed, High Capacity and High Reliability in Optical Transmission Systems", IEICE Transactions on Communications, V. E79 B, No. 11, pp. 1677-1686, November 1996.	
	AF	J. VANKKA, M. KOSUNEN, J. HUBACH, and K. HALONEN, "A Cordic-based Multicarrier QAM Modulator", Global Telecommunications Conference - Globecom '99, General Conference (Part A), pp. 173-177.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 Applicant is to place a check mark here if English language translation is attached.